

[Board Game]

Abstract

A game that teaches the structures of atoms on the periodic table, molecules and ions. Teaches the concepts of ions, acids and bases, oxidation and reduction and the fundamentals of organic chemistry. The game includes a board having atoms, molecules and ions on the perimeter. In the center of the board are the periodic table, electronegativity table, a buzzer experiment representing an electrochemical cell, and table of organic nomenclature. Players are required to identify the entity on the perimeter randomly by the roll of dice and to answer questions from two levels of playing cards representing fundamental and advance.